2016-2018 Oregon DEQ Performance Partnership Grant

Appendix C: Water Quality Component

Element 8: Management of Nonpoint Sources of Pollution

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Section 319 of the federal Clean Water Act requires states to have nonpoint source (NPS) management programs based on assessments of the amounts and origins of NPS pollution in the state. The Coastal Zone Act Reauthorization Amendments required development of additional management measures for NPS within the coastal zone. Nonpoint source pollution comes from numerous diffuse sources such as runoff from roads, forestry operations, on-site disposal, farms and construction sites. This type of pollution is understood to be the largest source of water quality impairment in Oregon, as well as the rest of the United States. Federal grants cover the majority of cost for Oregon's NPS program, which protects and restores both surface water and groundwater. During the 2014-2016 biennium, DEQ expects to provide close to $2 million to local organizations for nonpoint source projects such as public education and watershed restoration. DEQ's NPS program also includes staff, which performs the following activities:

- Characterization of NPS problems/concerns.
- Monitoring to support and determine effectiveness of BMP programs.
- Best management practices development/implementation.
- Coordination between stakeholders.
- Liaison support staff to other state and federal agencies.
- Restoration activities.
- Development and modeling for NPS TMDLs.
- Development of UAA/SSC as related to NPS activities; and
- Public education.

Another area of work involves supporting ODA in the implementation of the Agriculture Water Quality Management Program and biennial reviews of area plans and rules. Basin coordinators and HQ staff analyze existing water quality data and provide a summary of the analysis to ODA and Local Advisory Committees for biennial reviews. DEQ will compare water quality data to water quality standards and analyze the water quality data for trends. The purpose of DEQ participation is to ensure that updated water quality information is considered during biennial reviews. Basin coordinators and HQ staff will also be involved in the design and application of ODA's effectiveness monitoring of area plans. When ODA is in the planning stages to develop effectiveness monitoring studies to evaluate how well area plans and rules are meeting TMDL load allocations, DEQ will assist in the formulation of the goals and objectives (the questions to be answered) of the monitoring study. The purpose of DEQ's participation is to ensure that the study is focused on outcomes that are directly related to load allocation targets and to ensure that the data collected and the analysis proposed is sufficient to answer these questions.

Environmental Outcome: Active management and control of nonpoint sources of pollution will reduce the amount of nonpoint source pollution getting into Oregon's waterways, resulting in water quality improvements as measured by water quality data and measures in WQMPs and TMDL implementation plans.

#	DEQ Commitment	EPA Commitment	Outputs	Target Date	Supported by PPG?	EPA PAM
8.1	Distribute 319 grants to fund project proposals to Oregon's priority basins based on	Assist with criteria updates as needed. Target Oregon's priority watersheds for funding. Provide	Solicit and select projects.	05/1~~5~~7 and 05/1~~6~~8	YES	

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APPENDIX C: WATER QUALITY PROGRAM COMPONENT

#	DEQ Commitment	EPA Commitment	Outputs	Target Date	Supported by PPG?	EPA PAM
	TMDL development and implementation, drinking water source areas and GWMAs.	technical support and review of basin plans based on TMDL development and implementation and the 9-Key Elements for watershed based planning.				
8.2	Prepare an annual report of NPS program accomplishments.	Review and take final action on annual report.	NPS Annual Report	03/1~~5~~7 and 03/1~~6~~8	YES	
8.3	Determine with EPA available NPS Success Stories documenting either water quality progress or full restoration under PAM.	Provide assistance in development of NPS Success Stories.	NPS Success Stories	9/1~~4~~6 and 9/1~~5~~7	YES	SP-12 WQ-10
8.4	Enter GRTS 319 mandated elements to 319 project tracking data by national deadlines, including load reductions as available.	Provide technical assistance for GRTS-related function.	Data reflecting progress and status of 319 implementation.	2/1~~5~~7, 2/1~~6~~8 load reduction, other GRTS data (National GRTS reporting deadlines	YES	WQ-9a WQ-9b WQ-9c
8.5	Work with EPA to review TMDLs and other basins plans for meeting EPA's 9 Key Element watershed based planning guidance.	Provide technical support and review of basin plans based on TMDL development and implementation and the 9 Key Elements watershed guidance.	Develop strategies to leverage current resources for development of a watershed framework that integrates TMDLs and NPS Programs and is consistent with EPAs 9 Key Elements watershed plan model. Inform DEQ HQ and Regional staff about the Watershed Framework and the linkages between the various DEQ Water Quality subprograms. Develop conceptual model for management practice reporting system for implementation monitoring of WQMPs.	6/1~~3~~7	YES	
8.6	Implement Agency Toxics Reduction Strategy.		Implement a toxics reduction strategy that incorporates air, land and water. This effort includes the Pesticide Stewardship Partnerships, Pesticide Collection Events, and	Ongoing	Partial	

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#	DEQ Commitment	EPA Commitment	Outputs	Target Date	Supported by PPG?	EPA PAM
			other priority activities.			
8.7	Ag Area Plan & Rule biennial reviews and ODA/DEQ MOA implementation	TA and consultation	Review and comment on ODA's agricultural area rules and plans during their biennial review process.	Ongoing	Partial	

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